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(11) EP 0 837 320 A3

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 30.12.1998 Bulletin 1998/53

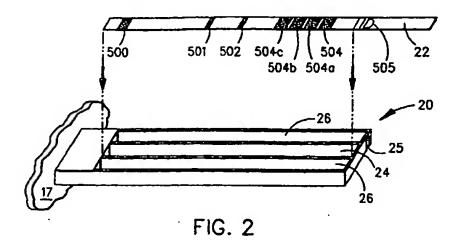
(51) Int. Ci.6: G01N 21/86, G06K 19/06

- (43) Date of publication A2: 22.04.1998 Bulletin 1998/17
- (21) Application number: 97117373.7
- (22) Date of filing: 08.10.1997
- (84) Designated Contracting States:

  AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC

  NL PT SE
- (30) Priority: 21.10.1996 US 734103
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- (54) System for the optical indentification of coding on a diagnostic test strip
- (57) Disclosed is an automated method for reading a test strip for the analysis of one or more analyte in a liquid test sample. The method involves the spectrophotometric reading of a test strip which bears at least two marker fields on its surface which are capable of reflecting light at different spectral regions from each other. The reading means of the spectrophotometer is pro-

grammed to discern information concerning the strip, such as what analyte the strip is designed to detect, from the sequences of spectral classifications by spectral reflectancy measurements of the strip's marker fields.





## **EUROPEAN SEARCH REPORT**

Application Number EP 97 11 7373

Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.6)
D,A	US 4 592 893 A (POPPE WERNER ET AL) 3 June 1986 * column 5, line 14 - column 6, line 52; figures 1,2 *		1,10	G01N21/86 G06K19/06
Α	DE 43 45 151 A (DRAEGERWERK AG) 11 August 1994 * column 3, line 35 - column 4, line 10; figure 1 *		1,10	
A	EP 0 451 981 A (CASCADE MEDICAL INC) 16 October 1991 * column 4, line 8 - line 19; claims 1-6; figures 5,6 *		1,10	
Α	WO 91 11700 A (GDS 8 August 1991 * page 9, line 8 - * page 13, line 15 * page 22, line 13	line 19 * - line 19 *	1,10	
A	EP 0 383 209 A (X RITE INC) 22 August 1990 * column 47, line 46 - column 49, line 27; figure 30 *		1,10	GOIN GOOK
A	EP 0 590 587 A (DAINIPPON INK & CHEMICALS) 6 April 1994 * abstract; figure 1 *		1,10	
Α	US 5 129 974 A (AUR 14 July 1992 * abstract; figure		1,10	
D,A	US 5 126 952 A (KIL AL) 30 June 1992	DAL-BRANDT PAUL A ET		
,			-	
	The present search report has	been drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	4 November 1998	Tat	ellion, M
X : par Y : par doc A : tecl O : nor	ATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with anotument of the same category innological background in-written disclosure immediate document	E : earlier patent do after the filing dat her D : document cited i L : document cited fo	cument, but pub te n the application or other reasons	lished on, or

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